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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicants : Robert C. Ladner et al.

Application No.: 09/837,306 Confirmation No.: 9730

Filed : April 17, 2001

For : NOVEL METHODS OF CONSTRUCTING LIBRARIES
OF GENETIC PACKAGES THAT COLLECTIVELY
DISPLAY THE MEMBERS OF A DIVERSE FAMILY
OF PEPTIDES, POLYPEPTIDES OR PROTEINS

Group Art Unit : 1632

Hon. Commissioner
For Patents
Washington, D.C. 20231

New York, NY 10020
March 27, 2002

TRANSMITTAL LETTER FOR SUPPLEMENTAL
INFORMATION DISCLOSURE STATEMENT

Sir:

Transmitted herewith is a Supplemental Information Disclosure Statement in the above-identified application.

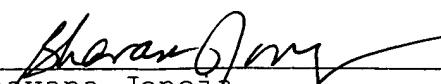
This Statement is submitted:

- [] within three months of the application filing date;
- [X] more than three months from the application filing date but before the mailing date of the first Office Action on the merits.

In accordance with 37 C.F.R. § 1.97, submission of this Statement requires no fee. However, if for any reason a fee is due, the Director is hereby authorized to charge payment of any fees required in connection with this

Supplemental Information Disclosure Statement to Deposit
Account No. 06-1075. A duplicate copy of this letter is
transmitted herewith.

Respectfully submitted,



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New York, NY 10020
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SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT
UNDER 37 C.F.R. §§ 1.56 AND 1.97(b) (3)

Sir:

Pursuant to 37 C.F.R. §§ 1.56 and 1.97, applicants hereby make the following publications of record in the above-identified patent application:

FOREIGN PATENT DOCUMENTS

WO 97/20923

PCT

06/12/97

WO 97/49809

PCT

12/31/97

OTHER DOCUMENTS

Alves J. et al., "Accuracy of the EcoRV restriction endonuclease: binding and cleavage studies with oligodeoxynucleotide substrates containing degenerate recognition sequences," *Biochemistry*, 34(35):11191-11197 (1995).

Grimes E. et al., "Achilles' heel cleavage: creation of rare restriction sites in λ phage genomes and evaluation of additional operators, repressors and restriction/modification systems," *Gene*, 90(1):1-7 (1990).

Hasan N. and Szybalski W., "Control of cloned gene expression by promoter inversion in vivo: construction of improved vectors with a multiple cloning site and the P_{tac} promoter," *Gene*, 56(1):145-151 (1987).

Kaczorowski T. and Szybalski W., "Genomic DNA sequencing by SPEL-6 primer walking using hexamer ligation," *Gene*, 223(1-2):83-91 (1998).

Kim S.C. et al., "Structural requirements for FokI-DNA interaction and oligodeoxyribonucleotide-instructed cleavage," *J. Mol. Biol.*, 258(4):638-649 (1996).

Kim S.C. et al., "Cleaving DNA at any predetermined site with adapter-primers and class-IIS restriction enzymes," *Science*, 240(4851):504-506 (1988).

Koob M. et al., "RecA-AC: single-site cleavage of plasmids and chromosomes at any predetermined restriction site," *Nucleic Acids Res.*, 20(21):5831-5836 (1992).

Koob M. and Szybalski W., "Cleaving yeast and *Escherichia coli* genomes at a single site," *Science*, 250(4978):271-273 (1990).

Koob M. et al., "Conferring operator specificity on restriction endonucleases," *Science*, 241(4869):1084-1086 (1988).

OTHER DOCUMENTS CONT'D

Koob M. et al., "Conferring new specificity upon restriction endonucleases by combining repressor-operator interaction and methylation," *Gene*, 74(1):165-167 (1988).

Kur J. et al., "A novel method for converting common restriction enzymes into rare cutters: integration host factor-mediated Achilles' cleavage (IHF-AC)," *Gene*, 110(1):1-7 (1992).

Podhajska A.J. and Szybalski W., "Conversion of the Fok-I endonuclease to a universal restriction enzyme: cleavage of phage M13mp7 DNA at predetermined sites," *Gene*, 40(1):175-182 (1985).

Podhajska A.J. et al., "Conferring new specificities on restriction enzymes: cleavage at any predetermined site by combining adapter oligodeoxynucleotide and class-IIIS enzyme, *Methods Enzymol.*, 216(G):303-309 (1992).

Pósfai G. and Szybalski W., "A simple method for locating methylated bases in DNA using class-IIIS restriction enzymes," *Gene*, 74(1):179-181 (1988).

Szybalski W., "Reasons and risks to study restriction/modification enzymes form extreme thermophiles: chilly coldrooms, 13th sample, and 13-codon overlap," *Gene*, 112(1):1-2 (1992).

Szybalski W., "Universal restriction endonucleases: designing novel cleavage specificities by combining adapter oligodeoxynucleotide and enzyme moieties," *Gene*, 40(2-3):169-173 (1985).

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Szybalski W. et al., "Class-IIIS restriction enzymes-a review." *Gene*, 100:13-26 (1991).

Thielking V. et al., "Accuracy of the EcoRI restriction endonuclease: binding and cleavage studies with oligodeoxynucleotide substrates containing degenerate recognition sequences," *Biochemistry*, 29(19):4682-4691 (1990).

Zhu D., "Oligodeoxynucleotide-directed cleavage and repair of a single-stranded vector: a method of site-specific mutagenesis," *Analytical Biochemistry*, 177(1):120-124 (1989).

Copies of the aforementioned references, which are listed on the accompanying Form PTO-1449 (submitted in duplicate) are enclosed herewith.

Consideration of the foregoing in relation to this patent application is respectfully requested.

Respectfully submitted,


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William BAILEY
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WR Bailey
Signature of person signing

FORM PTO-1449

U.S. DEPARTMENT OF COMMERCE
PATENT AND TRADEMARK OFFICEATTY. DOCKET NO.
DYAX/002APPLICATION NO.
09/837,306SUPPLEMENTAL INFORMATION DISCLOSURE
STATEMENT BY APPLICANTSAPPLICANTS
Robert C. Ladner et al.CONFIRMATION NO.
9730FILING DATE
April 17, 2001GROUP
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U.S. PATENT DOCUMENTS

EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE

FOREIGN PATENT DOCUMENTS

EXAMINER INITIAL	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
						YES	NO
	WO 97/20923	06/12/97	PCT				
	WO 97/49809	12/31/97	PCT				

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

EXAMINER INITIAL	
	Alves J. et al., "Accuracy of the EcoRV restriction endonuclease: binding and cleavage studies with oligodeoxynucleotide substrates containing degenerate recognition sequences," <i>Biochemistry</i> , 34(35):11191-11197 (1995).
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DATE CONSIDERED

EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP § 609; Draw line through citation if not conformance and not considered. Include copy of this form with next communication to applicants.

FORM PTO-1449 <i>CPE</i> APR 01 2002 PATENT & TRADEMARK OFFICE	U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT BY APPLICANTS	ATTY. DOCKET NO. DYAX/002	APPLICATION NO. 09/837,306
		APPLICANTS Robert C. Ladner et al.	CONFIRMATION NO. 9730
		FILING DATE April 17, 2001	GROUP 1632

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